



IAP15 Rec'd PCT/PTO 28 AUG 2006

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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER KOPCHICK15.1A
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/590906 Not Yet Assigned
INTERNATIONAL APPLICATION NO. PCT/US2005/005596	INTERNATIONAL FILING DATE February 24, 2005	PRIORITY CLAIMED February 26, 2004
TITLE OF INVENTION DIAGNOSIS OF HYPERINSULINEMIA AND TYPE II DIABETES AND PROTECTION...		
APPLICANT(S) FOR DO/EO/US John KOPCHICK et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: <ol style="list-style-type: none">1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)) as soon as the application is in order for such purpose and the applicable requirements of 35 U.S.C. 371(c) have been complied with.4. <input type="checkbox"/> The US has been elected (Art 31).5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))<ol style="list-style-type: none">a. <input type="checkbox"/> is attached hereto (required only if not transmitted by the International Bureau).b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).<ol style="list-style-type: none">a. <input type="checkbox"/> is attached hereto.b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))<ol style="list-style-type: none">a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).b. <input type="checkbox"/> have been communicated by the International Bureau.c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.d. <input checked="" type="checkbox"/> have not been made and will not be made.8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11. to 16. below concern document(s) or information included: <ol style="list-style-type: none">11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.12. <input type="checkbox"/> An Assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.13. <input type="checkbox"/> A FIRST preliminary amendment.14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.15. <input type="checkbox"/> A substitute specification.16. <input type="checkbox"/> A change of power of attorney and/or address letter.17. <input type="checkbox"/> A computer-readable sequence form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.18. <input checked="" type="checkbox"/> Other items or information:<ul style="list-style-type: none"><input checked="" type="checkbox"/> Courtesy copy of the International Application as filed.<input checked="" type="checkbox"/> Courtesy copy of the first page of the International Publication (WO 2005/082398 A2).<input checked="" type="checkbox"/> Formal drawings, 6 sheets, Figures 1a-3b.<input checked="" type="checkbox"/> Courtesy Copy of the International Search Report.<input checked="" type="checkbox"/> The application is (or will be) assigned to: Ohio University whose address is Technology Transfer Office, 20 East Circle Drive, Athens, Georgia 45701, United States and Icoria, Inc. whose address is 108 T.W. Alexander Drive, P.O. Box 14528, Research Triangle Park, North Carolina 27709, United States.<input checked="" type="checkbox"/> The benefit under 35 USC §119 is claimed of the filing date of: Application No. 60/547,512 in U.S. on February 26, 2004 and Application No. 60/579,342 in U.S. on June 15, 2004, which is hereby incorporated by reference (See MPEP §201.13, pg 200-73, of revision 2, May 2004).		

U.S. APPLICATION NO. #10/590906 Not Yet Assigned	International Application No. PCT/US2005/005596	Attorney's Docket No. KOPCHICK15.1A
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21. The following fees are submitted:

<div style="margin-bottom: 5px;"> <input checked="" type="checkbox"/> a) BASIC NATIONAL FEE (37 CFR 1.492(a)).....\$300.00 </div> <div style="margin-bottom: 5px;"> <input type="checkbox"/> b) SEARCH FEE (37 CFR 1.492(b)) <div style="margin-left: 20px;"> <input type="checkbox"/> US was International Searching Authority.....\$100.00 <input checked="" type="checkbox"/> Other ISR provided to USPTO.....\$400.00 <input type="checkbox"/> All other situations.....\$500.00 </div> </div> <div style="margin-bottom: 5px;"> <input type="checkbox"/> c) EXAMINATION FEE (37 CFR 1.492(c)) <div style="margin-left: 20px;"> <input type="checkbox"/> IPEA/US gave wholly favorable IPER.....\$100.00 <input checked="" type="checkbox"/> All other situations.....\$200.00 </div> </div> <div style="text-align: right; margin-top: 10px;"> TOTAL OF ABOVE CALCULATIONS : </div> <div style="margin-bottom: 5px;"> Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(h)). </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 5px;"> <tr> <td style="width: 15%;">TOTAL SHEETS</td> <td style="width: 15%;">EXTRA SHEETS</td> <td style="width: 35%;">Number of each additional 50 or fraction thereof (round up to a whole number)</td> <td style="width: 35%;">RATE (1.492(g))</td> </tr> <tr> <td>299 - 100</td> <td>5.9/50</td> <td>6</td> <td>X \$250.00</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 5px;"> <tr> <td style="width: 15%;">CLAIMS</td> <td style="width: 15%;">Number Filed</td> <td style="width: 15%;">Number Extra</td> <td style="width: 35%;">Rate (1.492 (d-f))</td> </tr> <tr> <td>Total Claims</td> <td>19 - 20 =</td> <td></td> <td>X \$ 50.00</td> </tr> <tr> <td>Independent Claims</td> <td>4 - 3 =</td> <td></td> <td>X \$200.00</td> </tr> <tr> <td colspan="3">Multiple Dependent Claims (if applicable)</td> <td>+ \$360.00</td> </tr> </table> <div style="margin-bottom: 5px;"> TOTAL OF ABOVE CALCULATIONS = \$300.00 </div> <div style="margin-bottom: 5px;"> Reduction of 1/2 for filing by small entity, if applicable. Applicant claims small entity status. See 37 CFR 1.27. </div> <div style="margin-bottom: 5px;"> SUBTOTAL = \$300.00 </div> <div style="margin-bottom: 5px;"> Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(i)). </div> <div style="margin-bottom: 5px;"> TOTAL NATIONAL FEE = \$300.00 </div> <div style="margin-bottom: 5px;"> Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + </div> <div style="margin-bottom: 5px;"> TOTAL FEES ENCLOSED = \$300.00 </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <td style="width: 65%;"></td> <td style="width: 35%; text-align: center;">Amount to be:</td> </tr> <tr> <td></td> <td style="text-align: center;">refunded</td> </tr> <tr> <td></td> <td style="text-align: center;">charged</td> </tr> </table>	TOTAL SHEETS	EXTRA SHEETS	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE (1.492(g))	299 - 100	5.9/50	6	X \$250.00	CLAIMS	Number Filed	Number Extra	Rate (1.492 (d-f))	Total Claims	19 - 20 =		X \$ 50.00	Independent Claims	4 - 3 =		X \$200.00	Multiple Dependent Claims (if applicable)			+ \$360.00		Amount to be:		refunded		charged	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: left; padding: 5px;">CALCULATIONS PTO USE ONLY</th> </tr> <tr> <td style="width: 50%; height: 100px; vertical-align: top;"> <div style="margin-top: 20px;">\$300.00</div> </td> <td style="width: 50%;"></td> </tr> </table>	CALCULATIONS PTO USE ONLY		<div style="margin-top: 20px;">\$300.00</div>	
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Payment Method (check one only)

a. ☐ A check in the amount of \$_____ to cover the above fees is enclosed.

b. ☒ Credit Card Payment Form (PTO-2038), authorizing payment in the amount of \$300.00, is attached.

c. ☐ Please charge my Deposit Account No. **02-4035** in the amount of \$_____ to cover the above fees.
 A duplicate copy of this sheet is enclosed.

Handling of Fee Deficiencies (check one only)

If a deficiency exist in the basic national fee set by 37 CFR 1.492(a), please charge it to Deposit Account 02-4035. At this time, no authorization is given to charge any other fees.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

Direct all correspondence to the address associated with
CUSTOMER NUMBER 001444, which is currently:

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 Date of this submission: **August 28, 2006**

SIGNATURE
 Iver P. Cooper
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